

## ABSTRACT OF THE DISCLOSURE

An Mn-Zn ferrite includes base components of 44.0 to 49.8 mol %  $\text{Fe}_2\text{O}_3$ , 4.0 to 26.5 mol %  $\text{ZnO}$ , at least one of 0.1 to 4.0 mol %  $\text{TiO}_2$  and  $\text{SnO}_2$ , 0.5 mol % or less  $\text{Mn}_2\text{O}_3$ , and the remainder consisting of  $\text{MnO}$ , and contains 0.20 (0.20 excluded) to 1.00 mass %  $\text{CaO}$  as additive. Since the Mn-Zn ferrite contains less than 50 mol %  $\text{Fe}_2\text{O}_3$  and a limited amount (0.5 mol % or less) of  $\text{Mn}_2\text{O}_3$ , an abnormal grain growth does not occur even if  $\text{CaO}$  content is more than 0.20 mass %, and a high electrical resistance can be gained. And, since an appropriate amount of  $\text{TiO}_2$  and/or  $\text{SnO}_2$  is contained, an initial permeability is kept adequately high, whereby an excellent soft magnetism can be achieved in a high frequency band such as 1 MHz.